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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Daniel W. Griffin et al.                      Art Unit : 2641  
Serial No. : 09/988,809                                      Examiner : Unknown  
Filed : November 20, 2001  
Title : IMPROVED SPEECH MODEL AND ANALYSIS, SYNTHESIS, AND  
QUANTIZATION METHODS

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

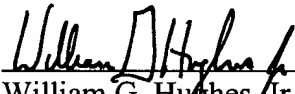
Copies of the references listed on the attached form PTO-1449 are enclosed. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed before the receipt of a first Office action on the merits.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: September 2, 2004

  
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Substitute Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))	Attorney's Docket No. <b>03397-035001</b>	Application No. <b>09/988,809</b>
	Applicant <b>Daniel W. Griffin et al.</b>	
	Filing Date <b>November 20, 2001</b>	Group Art Unit <b>2641</b>

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AQ	European Search Report (Application No. 02258005.4), July 12, 2004, 2 pages.
	AR	HAN, W-J et al., "MIXED MULTI-BAND EXCITATION CODER USING FREQUENCY DOMAIN MIXTURE FUNCTION (FDMF) FOR A LOW BIT-RATE SPEECH CODING," EuroSpeech '97, September 22-25, 1997, pages 1311-1314.
	AS	KWON S Y et al., "An Enhanced Lpc Vocoder With No Voiced/Unvoiced Switch," Vol. ASSP-32, No. 4, August 1984, pages 851-858.
	AT	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	